

Interpolation for population data : an empirical study

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Abstrak

The UN Volume (Bogue, Arriaga and Anderton, 1993) on population methodology has elaborated different methods for interpolation of population data. There were two methods in interpolating empirical data frequently discussed, that are mid-point method and cumulation-differencing method. In some cases mid-point method was not recommended and cumulation-differencing method was recommended only on the basis of limited data. This study tries to explore other methods in manipulating population data for different nature of data. The paper when at one instance, finds that the method which was not recommended by the said volume was acceptable using different nature of data. In other case, the method which was recommended in the volume was more sound in respect of other kind of data. In addition, some new types of data have also been tried and appropriate interpolation formulae were recommended.